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ABSTRACT

A Technowalk is a walk through the community to explore the technology found there, looking for common materials or particular kinds of structures. Technowalks involve the investigating, designing, testing, trouble-shooting, and problem-solving that the technological process provides. This book provides suggestions for 10 Technowalk activities for grades K-8. The book is divided in four parts: Introduction; Using this Book; Learning about Materials; and Learning about Structures. The Materials and Structures sections each contain plans for a sequence of five Technowalks. Each Technowalk includes: suggestions for activities before, during, and after the walk; reproducible worksheets; and extension/home activities. Each section begins with background information which covers the concepts in that section, recommended approaches, and evaluation strategies. Appendices include: chart of detailed outcomes of Technowalks, arranged by category--mathematics, science, and technology; glossary of terms; Technotalk: "What Does Technology Mean to You?"; self, peer, and group assessment forms for grades K-3 and 4-8; reading lists; links with the community; information and permissions form; Technotalk: "Properties of Materials"; teacher resources; Internet sites; and information about Trifolium Books. (SWC)

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